



U.S. Department
of Transportation

Research and
Special Programs
Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE NUMBER USA/0058/S, REVISION 6

400 Seventh Street, S.W.
Washington, D.C. 20590

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive materials.

1. Source Identification - General Electric Cf-100 Series.
2. Source Description - The source described in this certificate is a tungsten inert gas welded, double encapsulation cylinder constructed of Type 304L stainless steel. Its outside dimensions are 9.4mm (0.37") in diameter x 38.1mm (1.5") in length. Sources authorized by this certificate must be manufactured in accordance with GE Drawing No. 106D4306 (attached).
3. Radioactive Contents - This alpha and spontaneous fission neutron source consists of not more than 0.74 TBq (2.0 Ci) of Cf-252 in oxide form.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 209 of the IAEA regulations¹ shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires August 31, 2004.

This certificate is issued in accordance with paragraph 703 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the petition and information dated March 23, 1998 submitted by General Electric Co., Sunol, CA, and in consideration of other information on file in this Office.

Certified by:



for Alan I. Roberts
Associate Administrator for Hazardous Materials Safety

JUL 29 1999

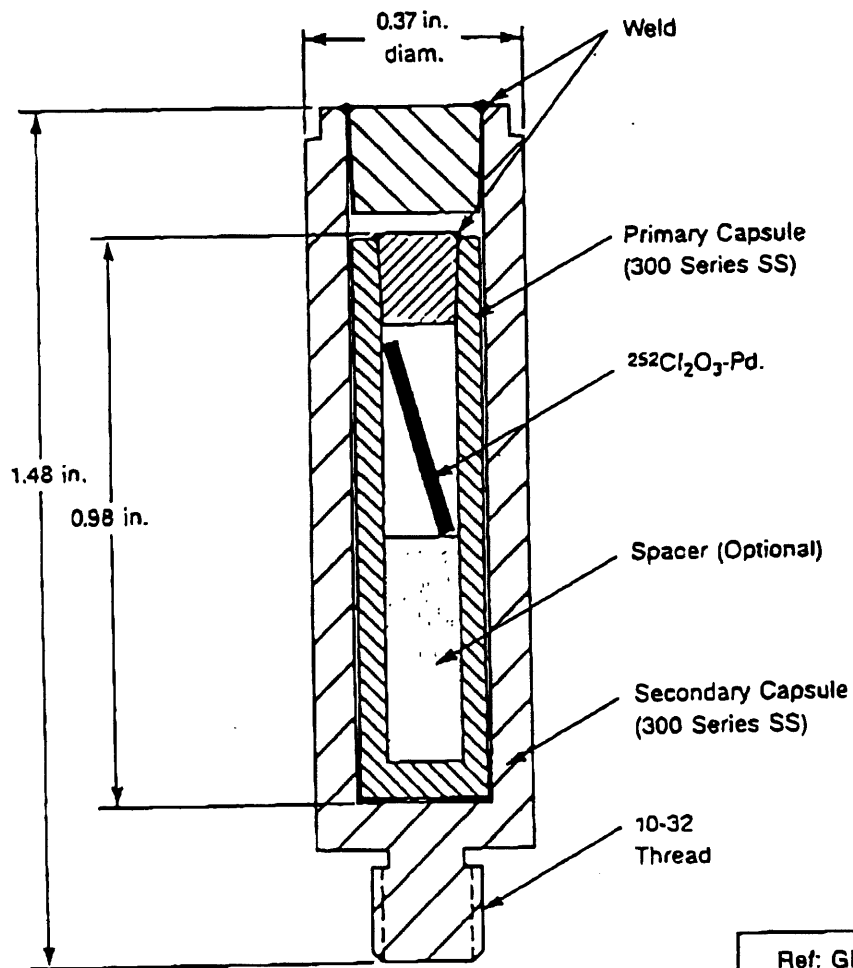
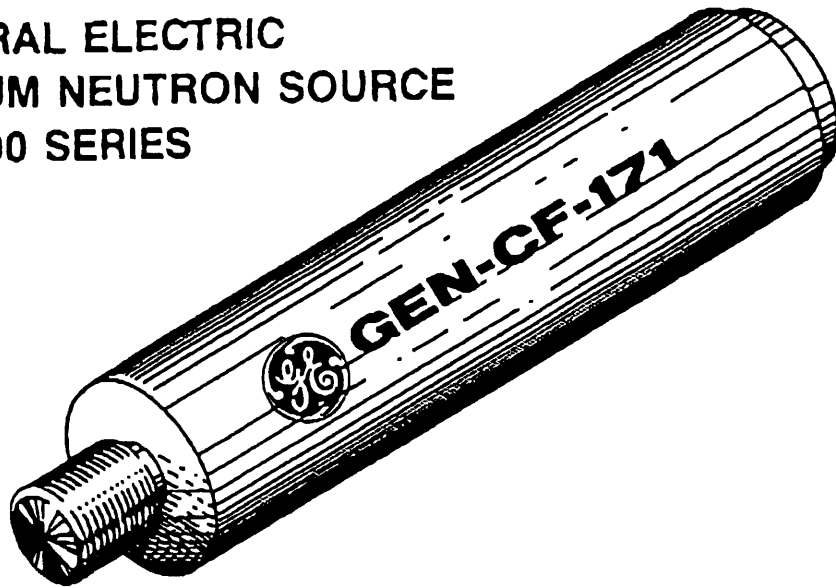
(DATE)

Revision 6 - Issued to extend expiration date.

1 "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1985 Edition, as amended 1990" , published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

2 Title 49, Code of Federal Regulations, Parts 100 - 199, United States of America.

GENERAL ELECTRIC
 $^{252}\text{CALIFORNIUM}$ NEUTRON SOURCE
.100 SERIES



Ref: GE Drawing
106D4306
IAEA Certificate No.
USA/0058/S